

What is claimed is:

- new disclosure*
- 1) A cathodic electrodeposition method comprising
immersing a conductive substrate in a coating composition comprising, in an
aqueous medium, an aqueous dispersion of a resin composition comprising:

(A) a polymer comprising at least one primary carbamate group and one or more
quaternary ammonium groups,

(B) a carbamate functional reactive additive which is generated in situ during the
production of polymer (A),

(C) a compound having a plurality of functional groups that are reactive with
said carbamate groups,
- 10 2) applying a voltage between an anode and the conductive substrate, and
3) removing the substrate from the coating composition.
2. The method of claim 1 further comprising rinsing the substrate.
- 15 3. The method of claim 1 further comprising baking the substrate at a temperature of
from 200° to 300°F.
4. The method of claim 1 wherein the conductive substrate comprises metal.
- 20 5. The method of claim 4 wherein the metal is selected from the group consisting of
aluminum and steel.